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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Thomas J. CAMPANA, Jr. et al
Serial No.: 08/443,430
Filed: May 18, 1995
For: ELECTRONIC MAIL SYSTEM WITH RF
COMMUNICATIONS TO MOBILE PROCESSORS
Group: 2608
Examiner: G. Oehling

SECOND SUPPLEMENTAL AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

January 5, 1996

Sir:

This Amendment is supplemental to the Amendment of
December 27, 1995 and the Supplemental Amendment of December
29, 1995.

IN THE CLAIMS:

Please add new claims 223-258 as follows:

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--223--

A system in accordance with claim 199 wherein:

the one interface switch removes from the
originated information information added by the electronic
mail system containing the plurality of originating processors
and adds information, used by the RF information transmission
network during transmission of the originated information
through the RF information transmission network to the at

cont.

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least one RF receiver in the RF information transmission network, to the originated information.

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224.

A system in accordance with claim 113 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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225.

A system in accordance with claim 137 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF

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transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~226.~~

A system in accordance with claim ~~203~~¹¹⁷ wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~227.~~

A system in accordance with claim ~~203~~¹¹⁷ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least

one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~228.~~

A system in accordance with claim ¹⁴⁰~~226~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~229.~~

A system in accordance with claim ¹¹⁸~~204~~ wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors

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and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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230.

A system in accordance with claim ¹¹⁸~~204~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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231.

A system in accordance with claim ¹⁴³~~229~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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232.

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A method in accordance with claim 205 wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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233.

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A method in accordance with claim 205 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

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the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~234.~~

A method in accordance with claim ¹⁴⁶~~232~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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235.

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A method in accordance with claim 209 wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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236.

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A method in accordance with claim 209 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~237~~

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A method in accordance with claim ~~235~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~238~~

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A method in accordance with claim ~~210~~ wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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~~239.~~

A method in accordance with claim ¹²⁴~~210~~ wherein:

the RF information transmission network
comprises a RF information transmission network switch which
receives the originated information; and

the RF information transmission network
transmits the originated information including an
identification number of the at least one RF receiver from the
RF information transmission network switch to another RF
transmission network switch at a destination of the at least
one RF receiver in the RF information transmission network to
which the originated information and the identification number
is to be transmitted by the RF information transmission
network switch and transmits the originated information and
the identification number to the at least one RF receiver by
RF broadcast to the at least one RF receiver.

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~~240.~~

A method in accordance with claim ¹⁵²~~238~~ wherein:

the RF information transmission network
comprises a RF information transmission network switch which
receives the originated information; and

the RF information transmission network
transmits the originated information including an
identification number of the at least one RF receiver from the
RF information transmission network switch to another RF
transmission network switch at a destination of the at least
one RF receiver in the RF information transmission network to
which the originated information and the identification number

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is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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241.

A system in accordance with claim ¹²⁵241 wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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242.

A system in accordance with claim ¹²⁵241 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission

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network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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243.

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A system in accordance with claim ~~241~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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244.

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A system in accordance with claim ~~215~~ wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at

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least one RF receiver in the RF information transmission network, to the originated information.

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245.

A system in accordance with claim ¹²⁹215 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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246.

A system in accordance with claim ¹⁵⁸244 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF

transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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247.

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A system in accordance with claim ~~216~~ wherein:
the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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248.

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A system in accordance with claim ~~216~~ wherein:
the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and
the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least

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one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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249.

A system in accordance with claim ¹⁶¹247 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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~~250.~~ A method in accordance with claim ¹³¹217 wherein:
the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors

and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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251.

A method in accordance with claim ¹³¹217 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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252.

A method in accordance with claim ¹⁶⁰~~250~~ wherein:
the RF information transmission network

comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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253.

A method in accordance with claim ¹³⁵221 wherein:

the one interface switch removes from the originated information information added by the electronic mail system containing the plurality of originating processors and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

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254.

A method in accordance with claim ¹³⁵221 wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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255.

A method in accordance with claim ¹⁶³~~253~~ wherein:

the RF information transmission network comprises a RF information transmission network switch which receives the originated information; and

the RF information transmission network transmits the originated information including an identification number of the at least one RF receiver from the RF information transmission network switch to another RF transmission network switch at a destination of the at least one RF receiver in the RF information transmission network to which the originated information and the identification number is to be transmitted by the RF information transmission network and transmits the originated information and the identification number to the at least one RF receiver by RF broadcast to the at least one RF receiver.

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I33

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256.

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A method in accordance with claim 222 wherein:
the one interface switch removes from the
originated information information added by the electronic
mail system containing the plurality of originating processors
and adds information, used by the RF information transmission
network during transmission of the originated information
through the RF information transmission network to the at
least one RF receiver in the RF information transmission
network, to the originated information.

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257.

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A method in accordance with claim 222 wherein:
the RF information transmission network
comprises a RF information transmission network switch which
receives the originated information; and
the RF information transmission network
transmits the originated information including an
identification number of the at least one RF receiver from the
RF information transmission network switch to another RF
transmission network switch at a destination of the at least
one RF receiver in the RF information transmission network to
which the originated information and the identification number
is to be transmitted by the RF information transmission
network and transmits the originated information and the
identification number to the at least one RF receiver by RF
broadcast to the at least one RF receiver.

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A method in accordance with claim ~~256~~ wherein:

the RF information transmission network
comprises a RF information transmission network switch which
receives the originated information; and

the RF information transmission network
transmits the originated information including an
identification number of the at least one RF receiver from the
RF information transmission network switch to another RF
transmission network switch at a destination of the at least
one RF receiver in the RF information transmission network to
which the originated information and the identification number
is to be transmitted by the RF information transmission
network and transmits the originated information and the
identification number to the at least one RF receiver by RF
broadcast to the at least one RF receiver.

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and

REMARKS

Newly submitted dependent claims 223-258 define further
aspects of the one interface switch, the RF information
transmission network and switches therein, the electronic mail
system and the wire line transmitting the other originated
information.

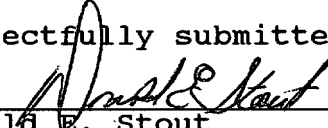
Newly submitted claims 223-258 are patentable for the
same reasons set forth in the Amendment of December 27, 1995,
and the Supplemental Amendment of December 29, 1995.

An early action on the merits is respectfully requested.

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Please charge any additional fees incurred in the filing of this paper to Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case No. 780.29643CX1) and credit any excess fees to such account.

Respectfully submitted,



Donald E. Stout
Registration No. 26,422

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